

**Area Formulae**

square =  $a^2$

rectangle =  $L \times W$

parallelogram =  $bh$

trapezoid =  $\frac{h}{2} (b_1 + b_2)$

circle =  $\pi r^2$

triangle =  $\frac{bh}{2}$

Circumference =  $2\pi r$  or  $\pi d$

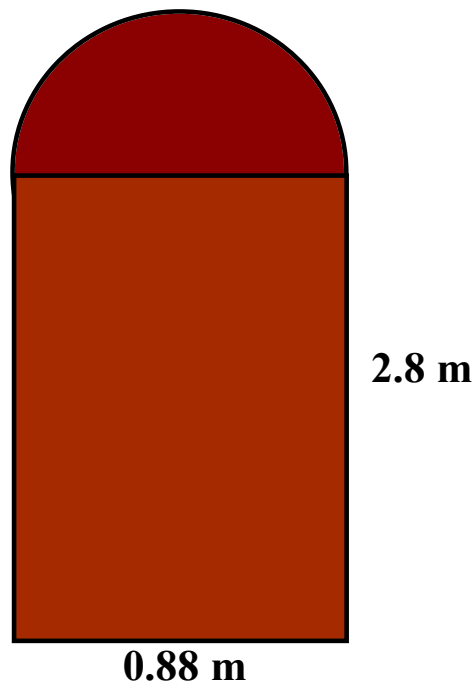
Surface Area of a Cylinder

$$= 2(\pi r^2) + 2\pi rh$$

Pythagorean Theorem

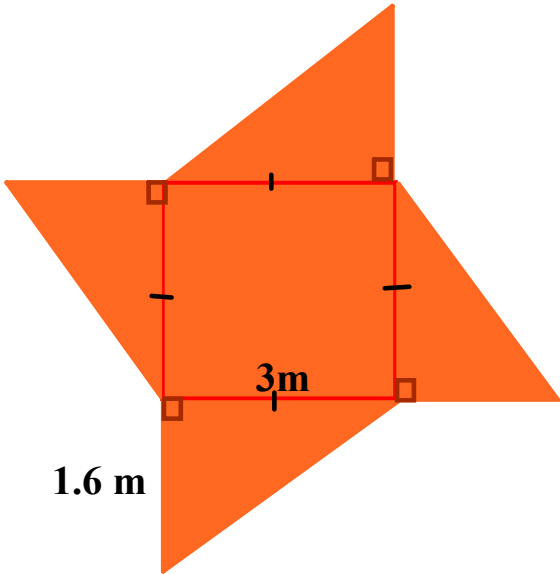
$$a^2 + b^2 = c^2$$

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**1 Find the Area**

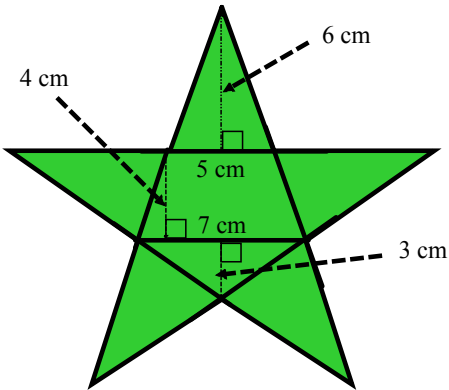
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2 Find the area.

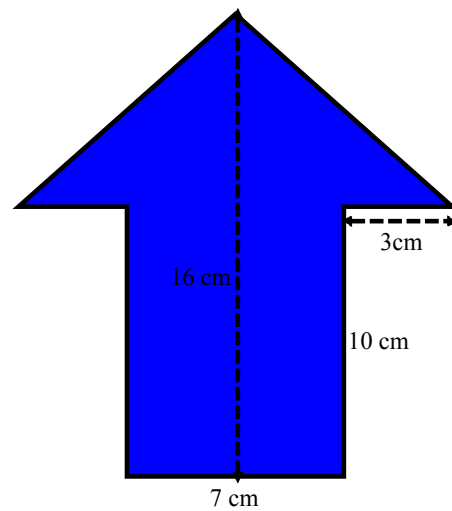


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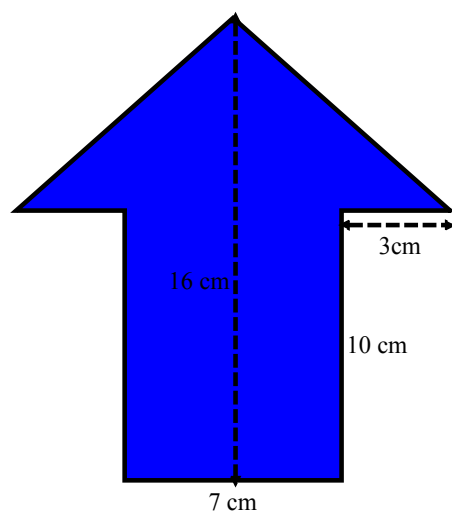
3 Find the Area and Perimeter.



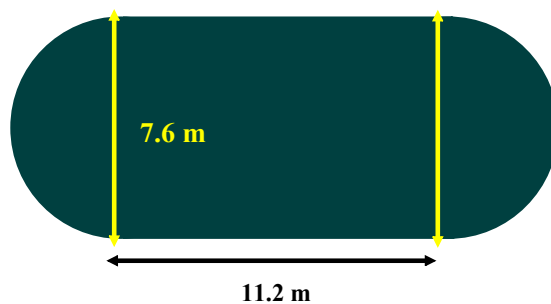
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**4 What is the area?**

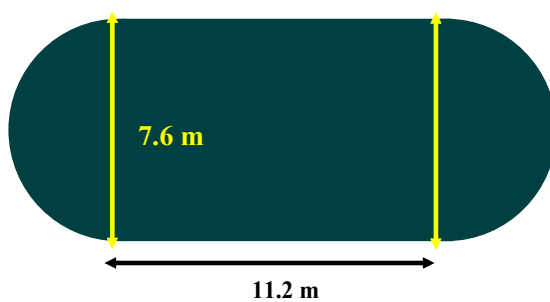
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**5 What is the perimeter?  
(Remember Pythagorean  
Theorem)**

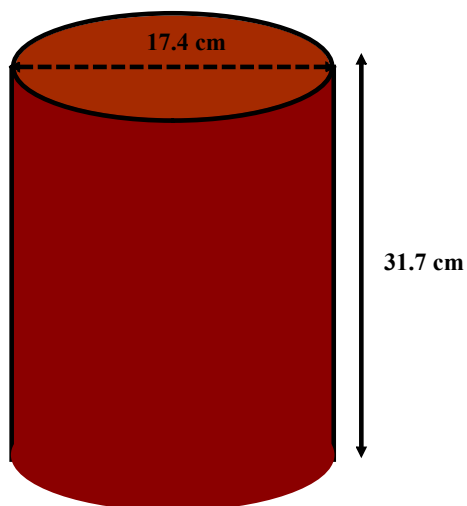
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**6 Find the area**

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**7 Find the Perimeter**

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**8. Find the Surface Area**

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